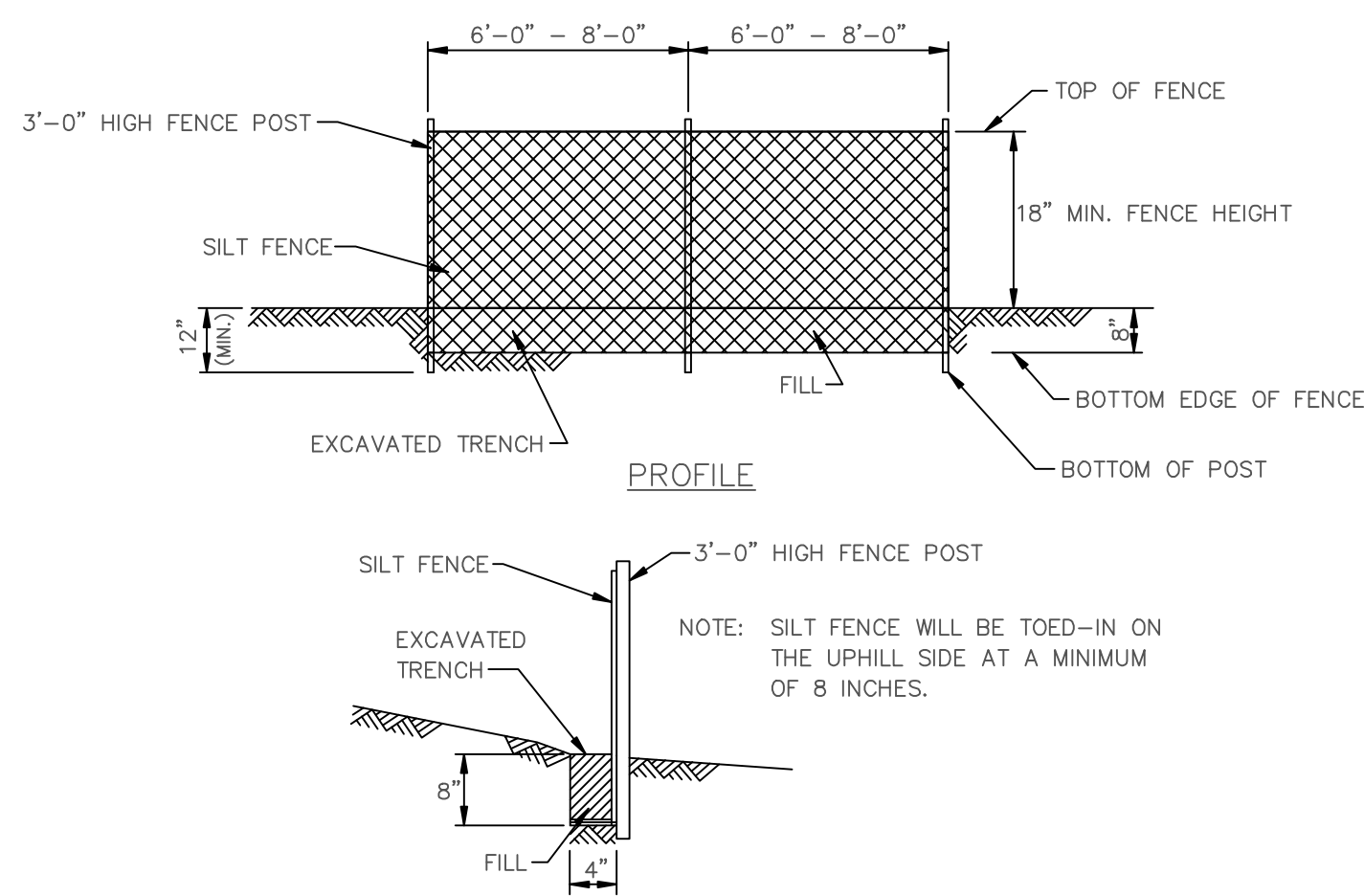
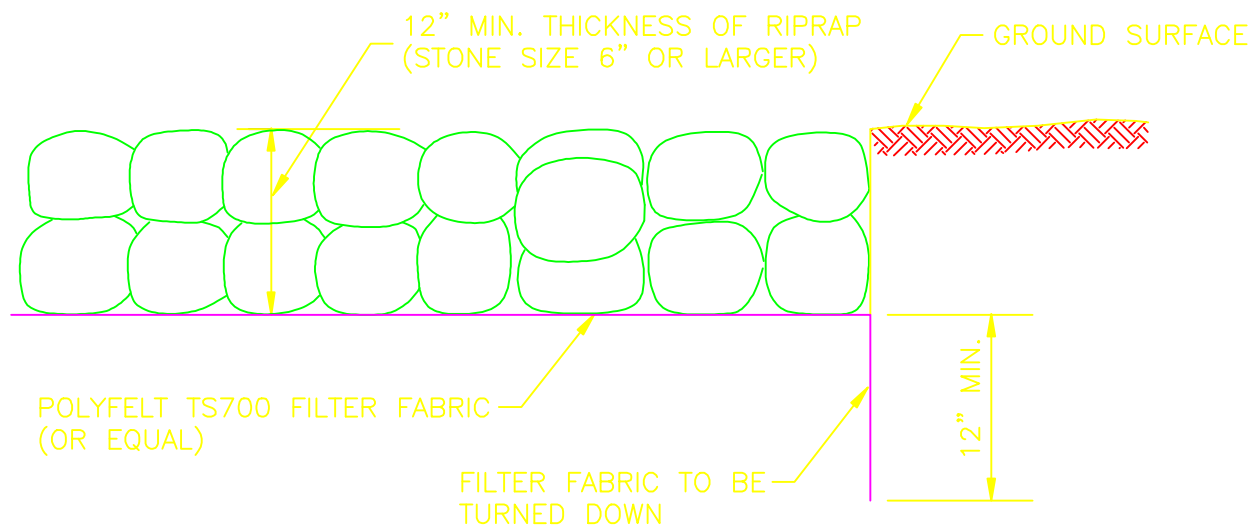


## INLET PROTECTION

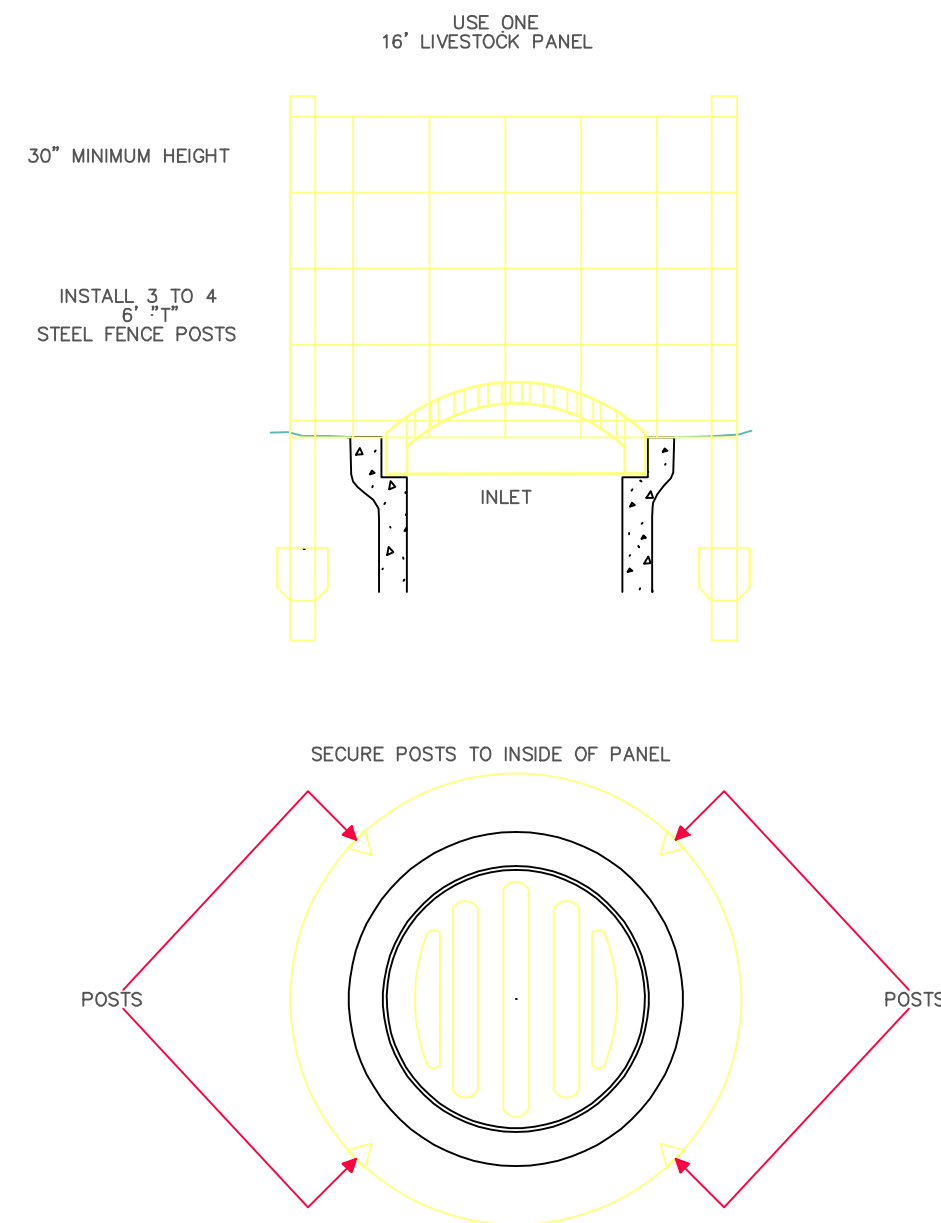
## EROSION CONTROL MAT – SLOPE DETAIL



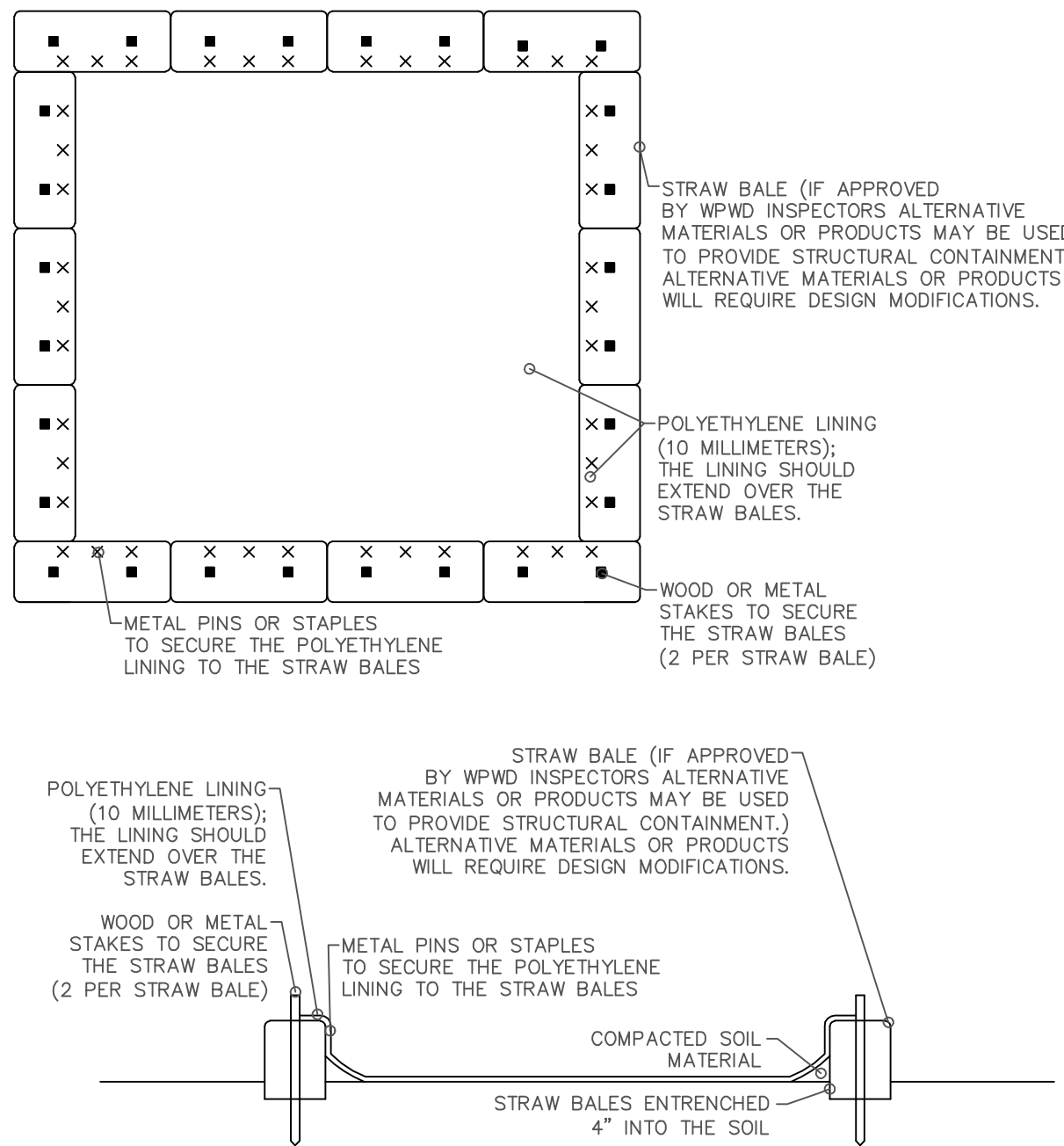
## SILT FENCE DETAIL



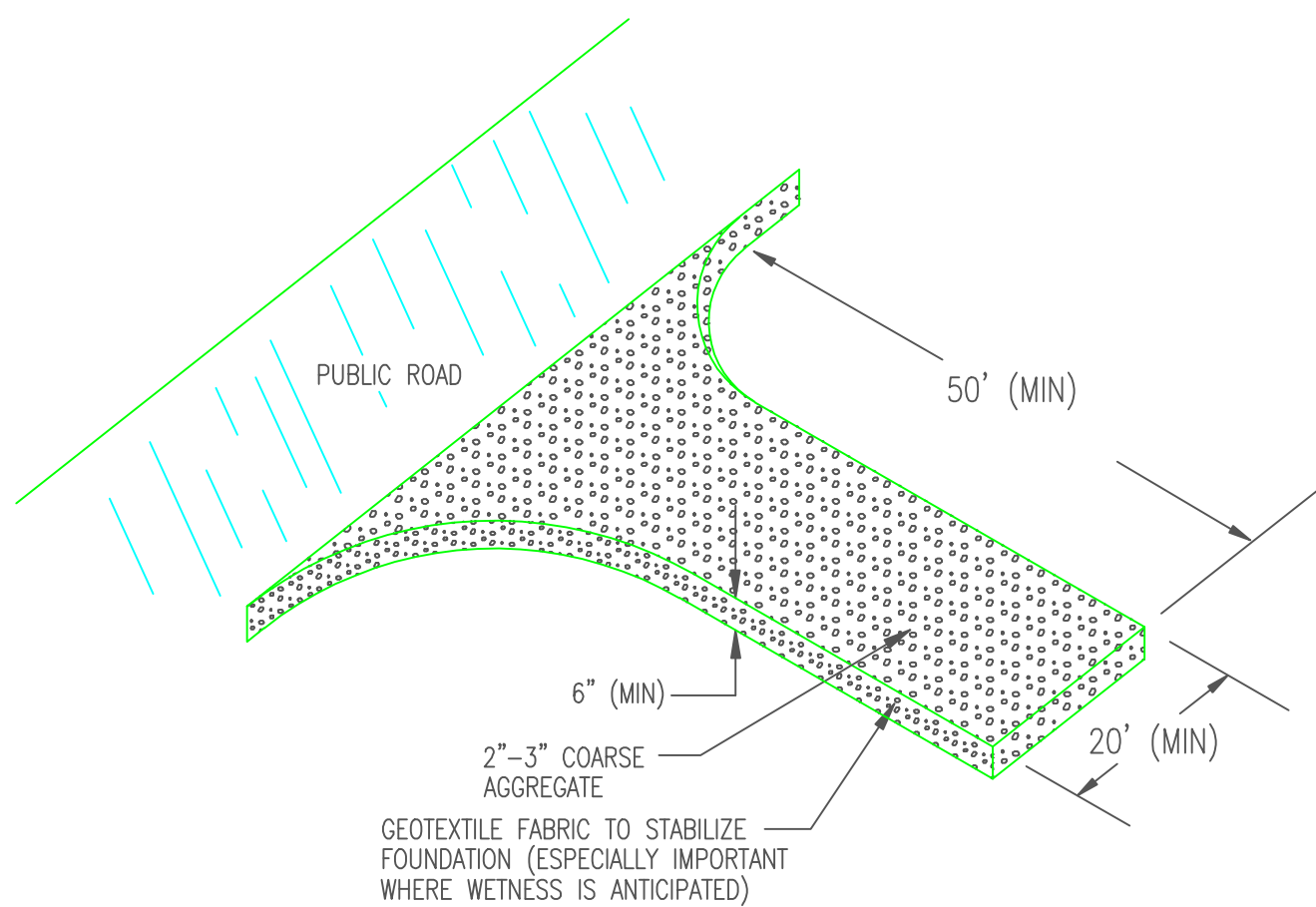
## RIPRAP/FILTER CLOTH DETAIL



## INLET TRASH/DEBRIS GUARD



## CONCRETE WASHOUT DETAIL



## TEMPORARY CONSTRUCTION

## ENTRANCE DETAIL

SOIL CONDITION	Tolerance			Soil Living Zones	Tolerance	Fertility	Tolerance	Hardness	Tolerance	Moisture	Tolerance	Time (days)	Gen.	Salt Tolerance		
	Wet	Norm	Dry											Gen.	Soil	Spray
Creeping Red Fescue <i>Festuca rubra</i>	2	1	2	1	1	Med.	1	20-25	12-18	7-21						S
Kentucky Bluegrass <i>Poa pratensis</i>	2	1	2	1	1	Med.	1	25-35	12-18	10-20						MT
Tall Fescue <i>Festuca L. arundinacea</i>	2	1	1	1	1	Low	1	24-35	24-36	5-14						T
Perennial ryegrass <i>Lolium perenne</i>	2	1	2	1	2	Med-High	2	15-20	12-18	5-10						MT
Crownvetch <i>Coronilla varia</i>	1	1	2	1	1	Low	1	5-10	24	14-21	T					
Red Clover <i>Trifolium pratense</i>	1	1	2	1	1	Med.	1	7-10	18	5-10	S	S				

Ranking:  
1 Good  
2 Medium  
Not tolerant

Salt Tolerance (to both soil salts & spray):  
1 Tolerance  
2 Medium Tolerance  
3 Slight Tolerance

FIGURE 5-4

### Seedbed Preparation

Apply lime to raise the pH to the level needed for species being seeded. Apply 23 pounds of 12-12-12 analysis fertilizer (or equivalent) per 1000 sq. ft. (approximately 1000 pounds per acre) or fertilizer according to test. Application of 150 lbs. of ammonium nitrate on areas low in organic matter and fertility will greatly enhance vegetative growth.

Work the fertilizer and lime into the soil to a depth of 2-3 inches with a harrow, disk or rake operated across the slope as much as possible.

### Seeding

Select a seed mixture based on projected use of the area (Figure 5-2), while considering best seeding dates. See Figure 5-3 this sheet. If tolerances are a problem, such as salt tolerance of seedings adjacent to streets and highways, see Figure 5-4 this sheet before final selection.

### Mulch Rate

Mulch is to be applied at 2,000 to 3,000 pounds per acre in areas not covered by erosion control blanketing. Mulch must be anchored using a mulch anchoring tool or farm disk with dull, serrated, straight set blades, or bulldozer cleats driven up and down slope.

Figure 5-2: Permanent Seed Mixtures

Species	Seeding Rate		pH	Site Suitability*		
	lbs/acre	lbs/1000 sq. ft.		well	Droughty	Drained Wet
Level and Sloping, Open Areas						
1. Tall Fescue	35	.8	5.5-8.3	2	1	2
2. Tall Fescue Red Clover**	25 5	.6 .12	5.5-8.3		1	
3. Kentucky Bluegrass Creeping Red Fescue	15 15	.4 .4	5.5-7.5	2	1	
Steep Banks and Cuts						
4. Tall Fescue Kentucky Bluegrass	15 25	.4 .6	5.8-7.5	2	1	2
5. Tall Fescue Emerald Crownvetch**	35 10	.8 .25	5.5-8.3	2	1	
Lawns and High Maintenance Areas						
6. Kentucky Bluegrass Creeping Red Fescue	40 40	.9 .9	5.8-7.5	2	1	
7. Perennial Ryegrass (Turf Type)			5.0-7.5		1	
8. Tall Fescue	170	4.0	5.5-8.3	2	1	2

\* 1 - Preferred 2 - Will Tolerate \*\* Inoculate with specific inoculant.

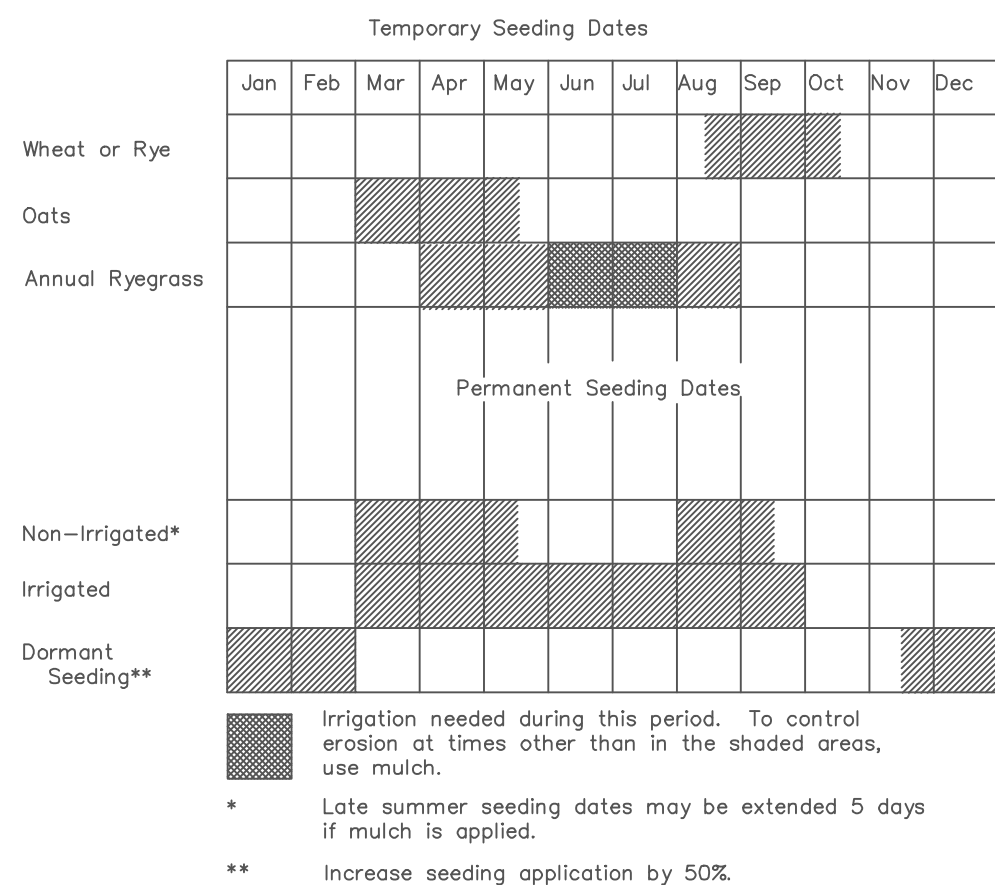
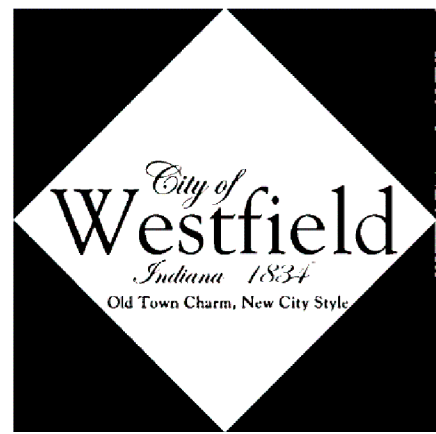


FIGURE 5-3

Temporary Seedings			
Kind of Seed	1000 Sq. Ft.	Acre	Remarks
Wheat or Rye	3.5 lbs.	2 bu.	Cover seed 1" to 1 1/2" deep
Spring Oats	2.3 lbs.	3 bu.	Cover seed 1" deep
Annual ryegrass	1 lb.	40 lbs.	Cover seed 1/4" deep*

\* Not necessary where mulch is applied.



Westfield Public Works  
2706 East 171st Street  
Westfield, Indiana 46074

Phone: (317) 896-5452  
Fax: (317) 896-0202

APPROVED BY: \_\_\_\_\_

DATE: \_\_\_\_\_

EROSION CONTROL DETAIL

Freedom Trail  
WESTFIELD, INDIANA

	INITIALS	DATE
Drawn By:	RJK	2-27-09
Checked By:	XXX	X-XX-XX
Designed By:	X-XX-X	X-XX-XX
Checked By:	XXX	X-XX-XX

Rev. No.	DATE	DESCRIPTION

Sheet

E-3

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Vertical Scale: NA  
Horizontal Scale: NA